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Express Mail No. EM 061 020 159 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Monteiro et al.

Serial No.: 09/110,369

Group Art Unit: 2414

Filed: July 6, 1998

Examiner: T. Peeso

For: MULTICASTING METHOD AND  
APPARATUS

Attorney Docket No.: 8850-005

SUBMISSION OF FORMAL DRAWINGS

Assistant Commissioner for Patents  
BOX ISSUE FEE  
Washington, D.C. 20231

Sir:

In response to the Notice of Allowance dated  
December 21, 1998, applicants submit herewith twenty-three  
sheets of formal drawings (Figs. 1-19) for this application.

No fee is believed to be due for the submission of  
these drawings. Should any fees be required, please charge  
such fees to Pennie & Edmonds LLP deposit account no. 16-1150.

Respectfully submitted,

ANDREW SANDERS  
REG. NO. 40,433

Date March 22, 1999

FOR FRANCIS E. MORRIS 24,616  
Francis E. Morris (Reg. No.)

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New York, New York 10036  
(212) 790-9090

Enclosure

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FIGURE 1

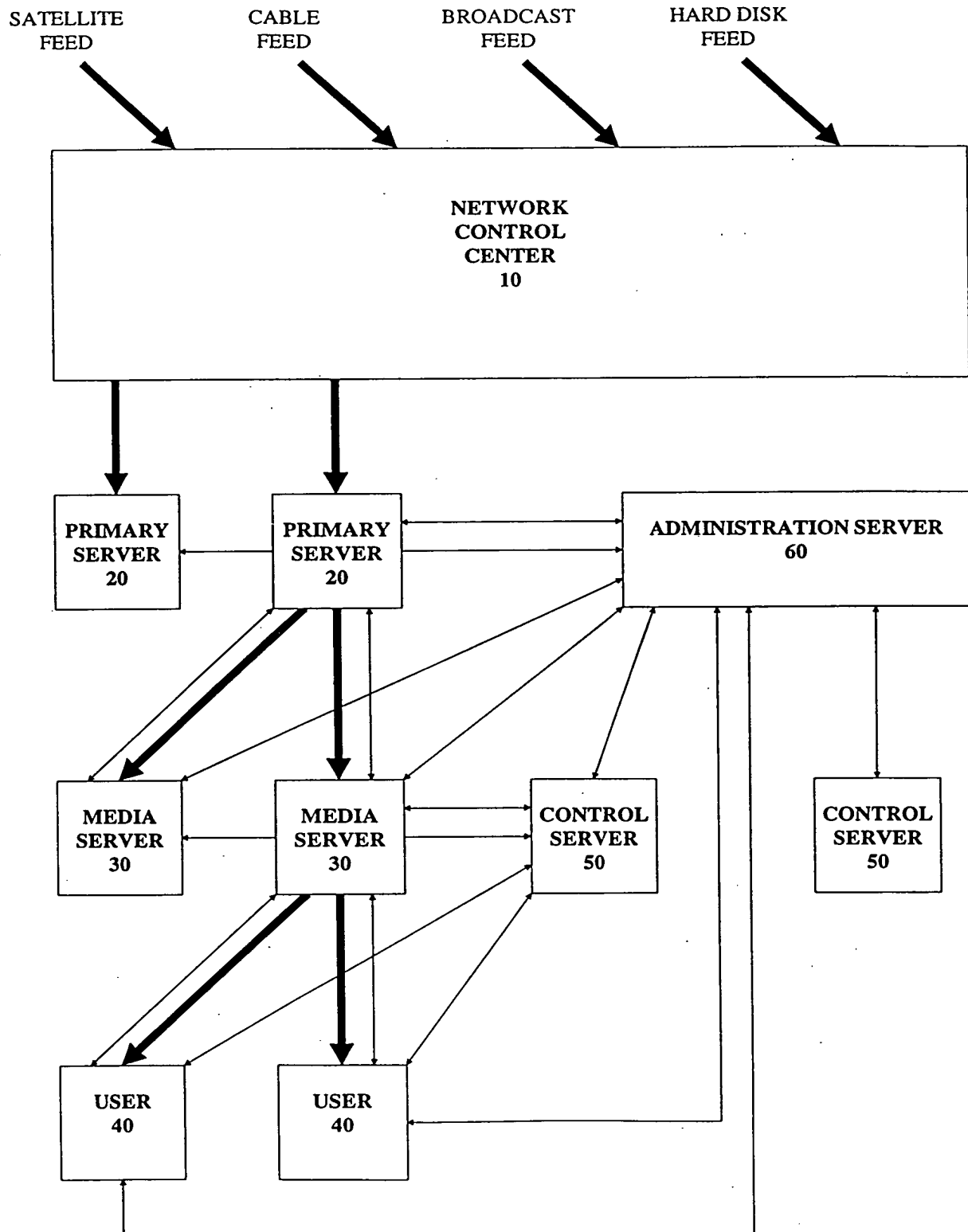


FIGURE 2

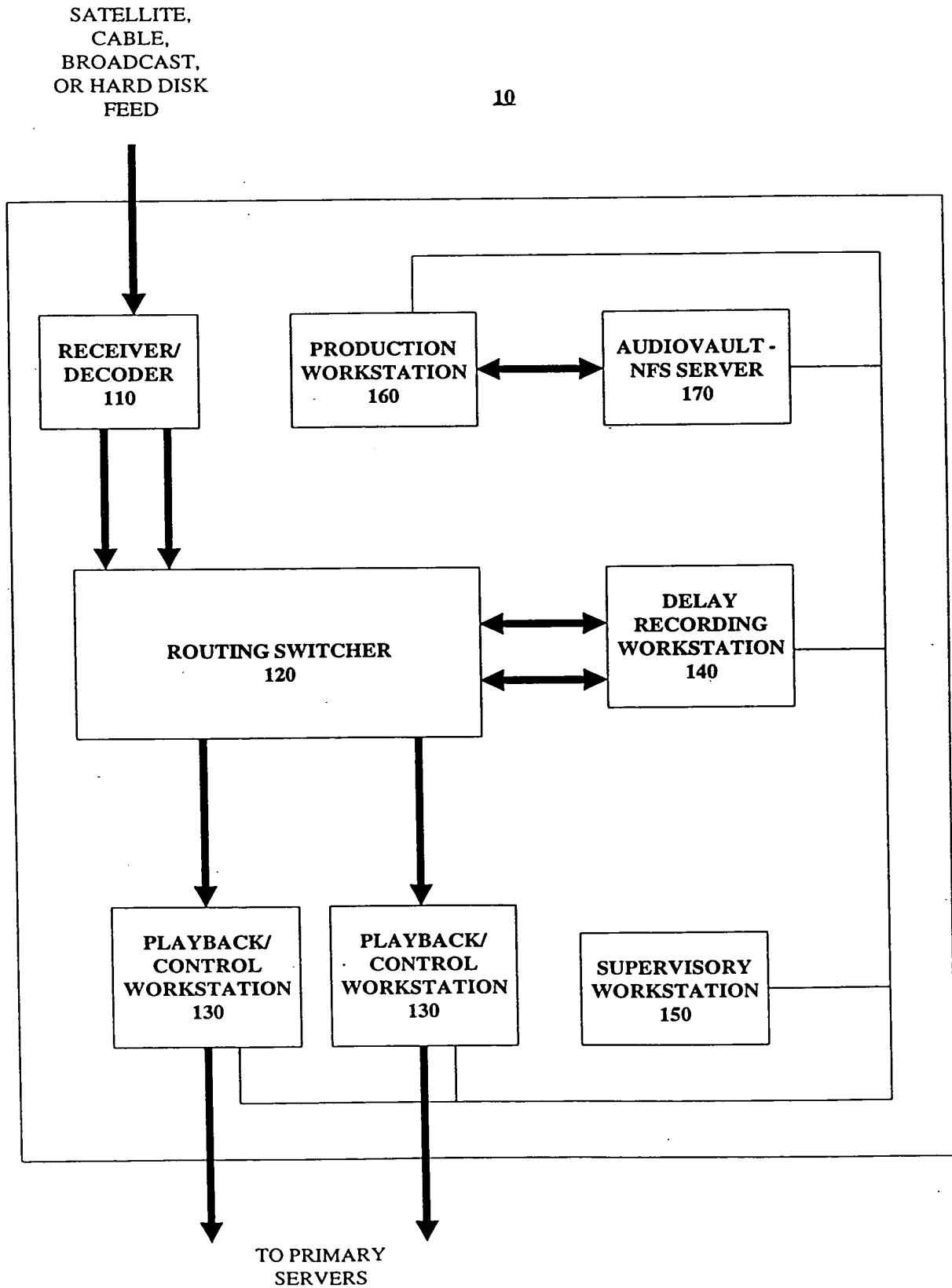
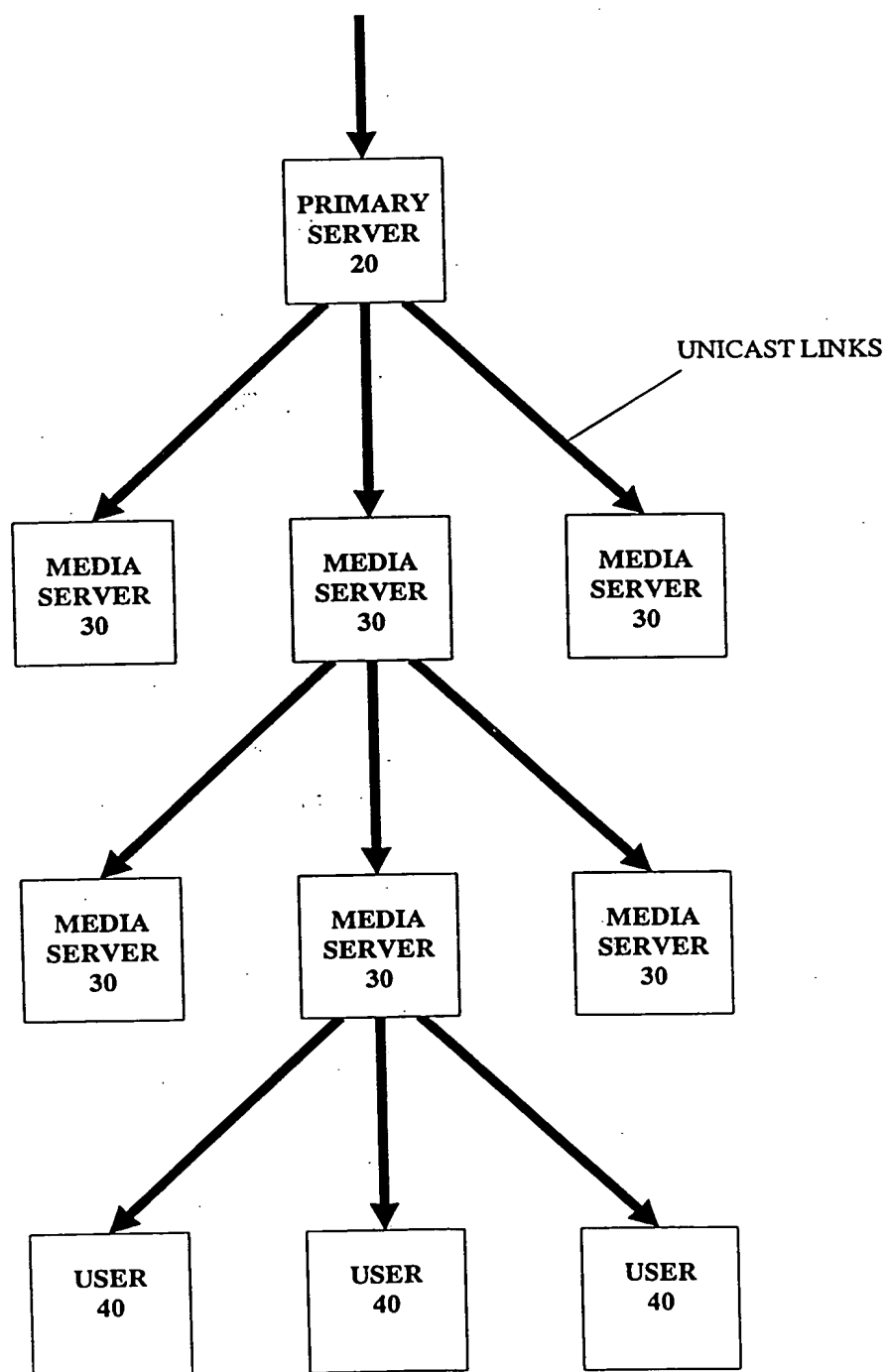
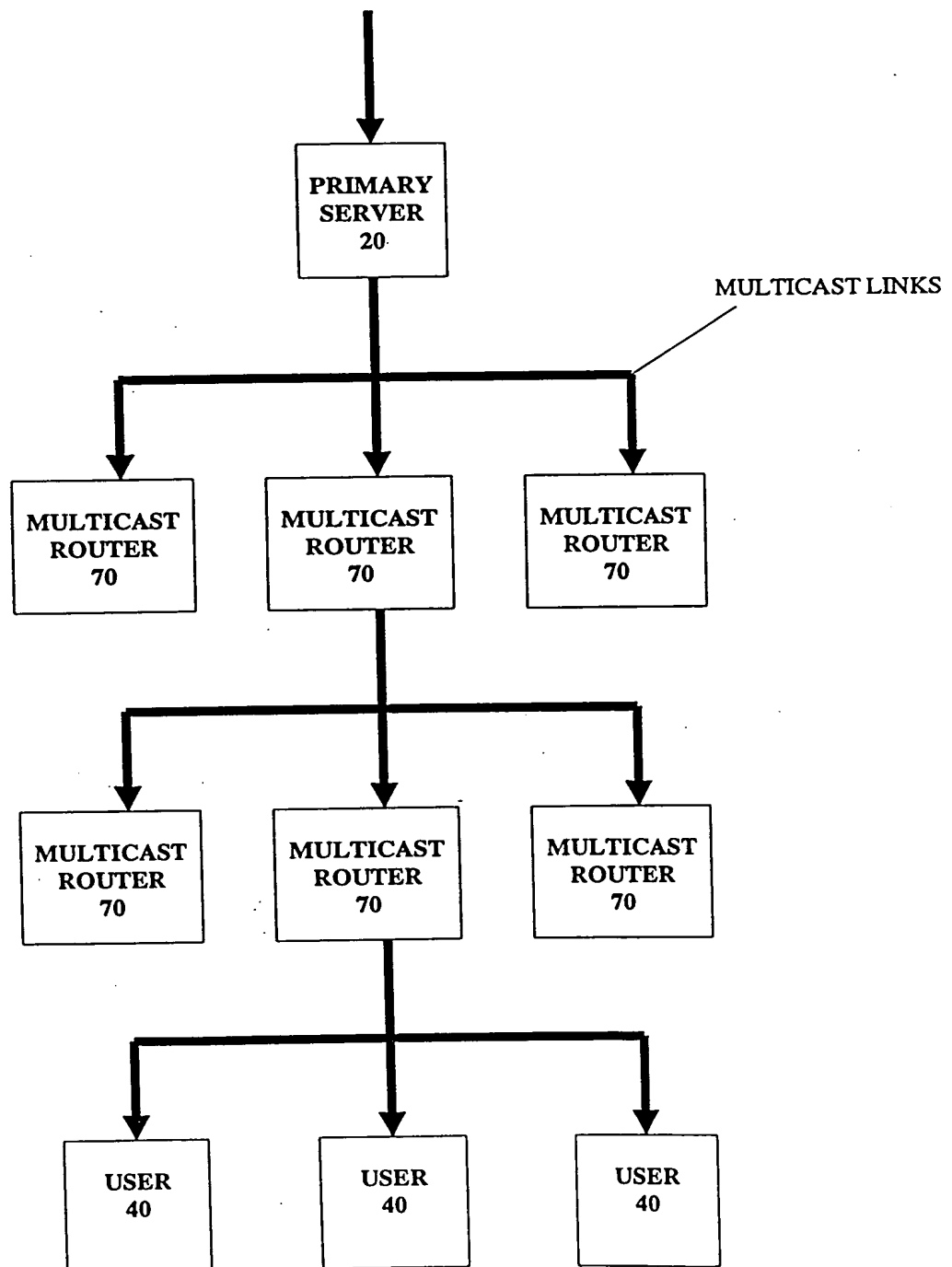


FIGURE 3



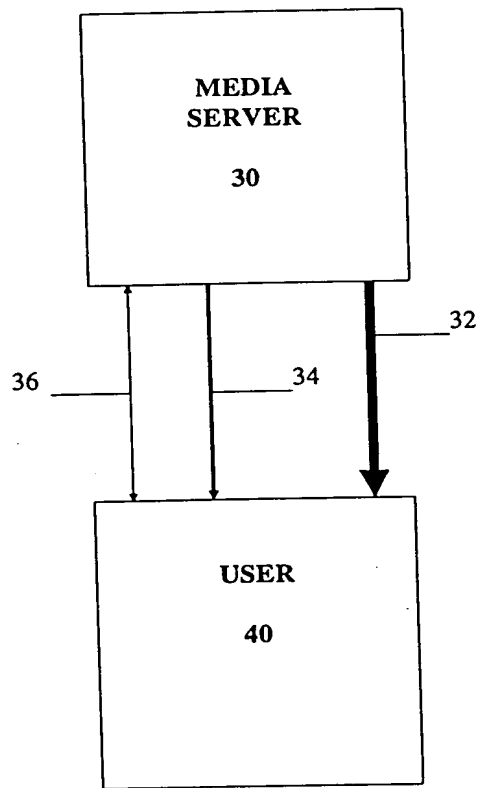
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FIGURE 4



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FIGURE 5



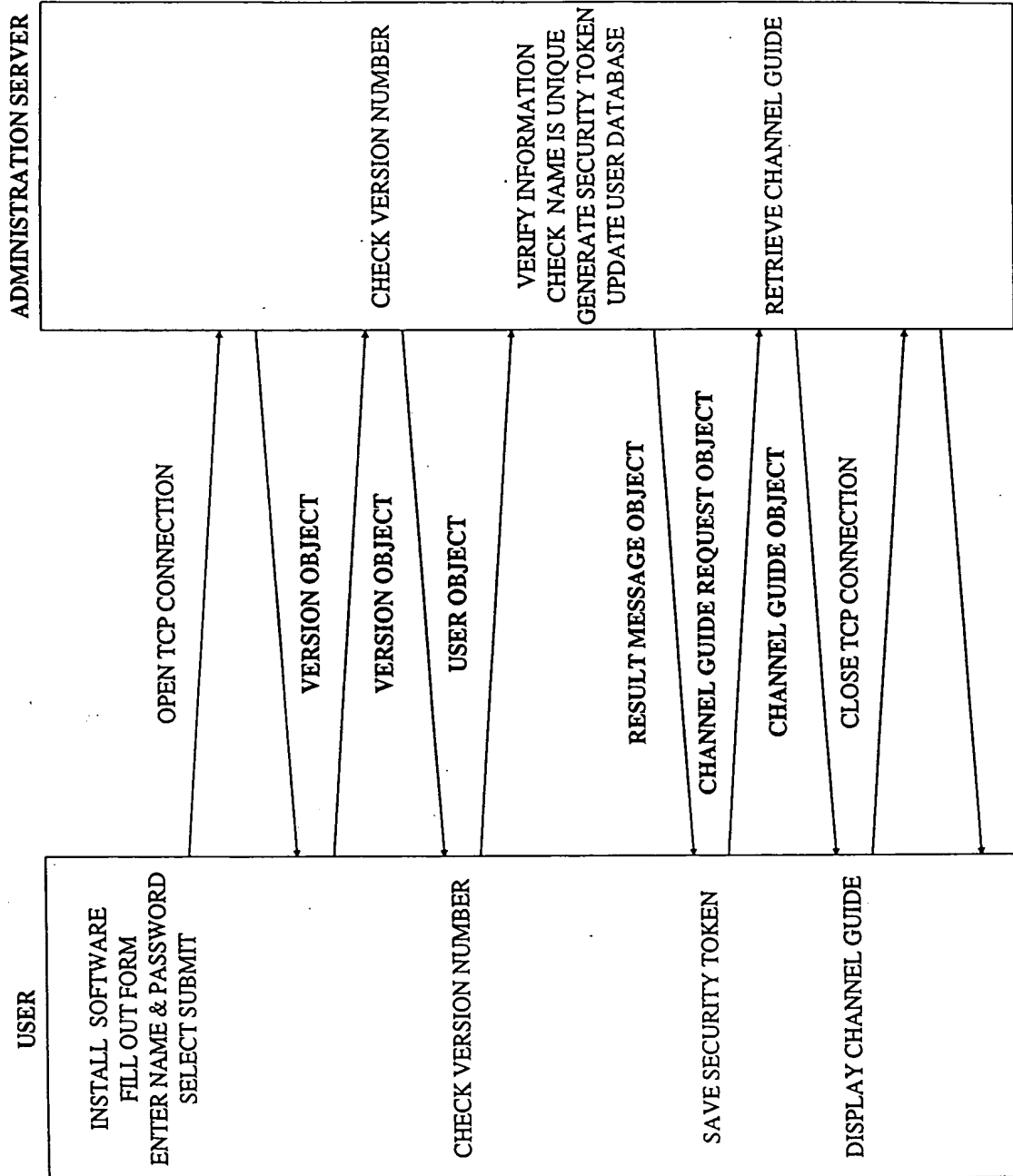


FIGURE 6

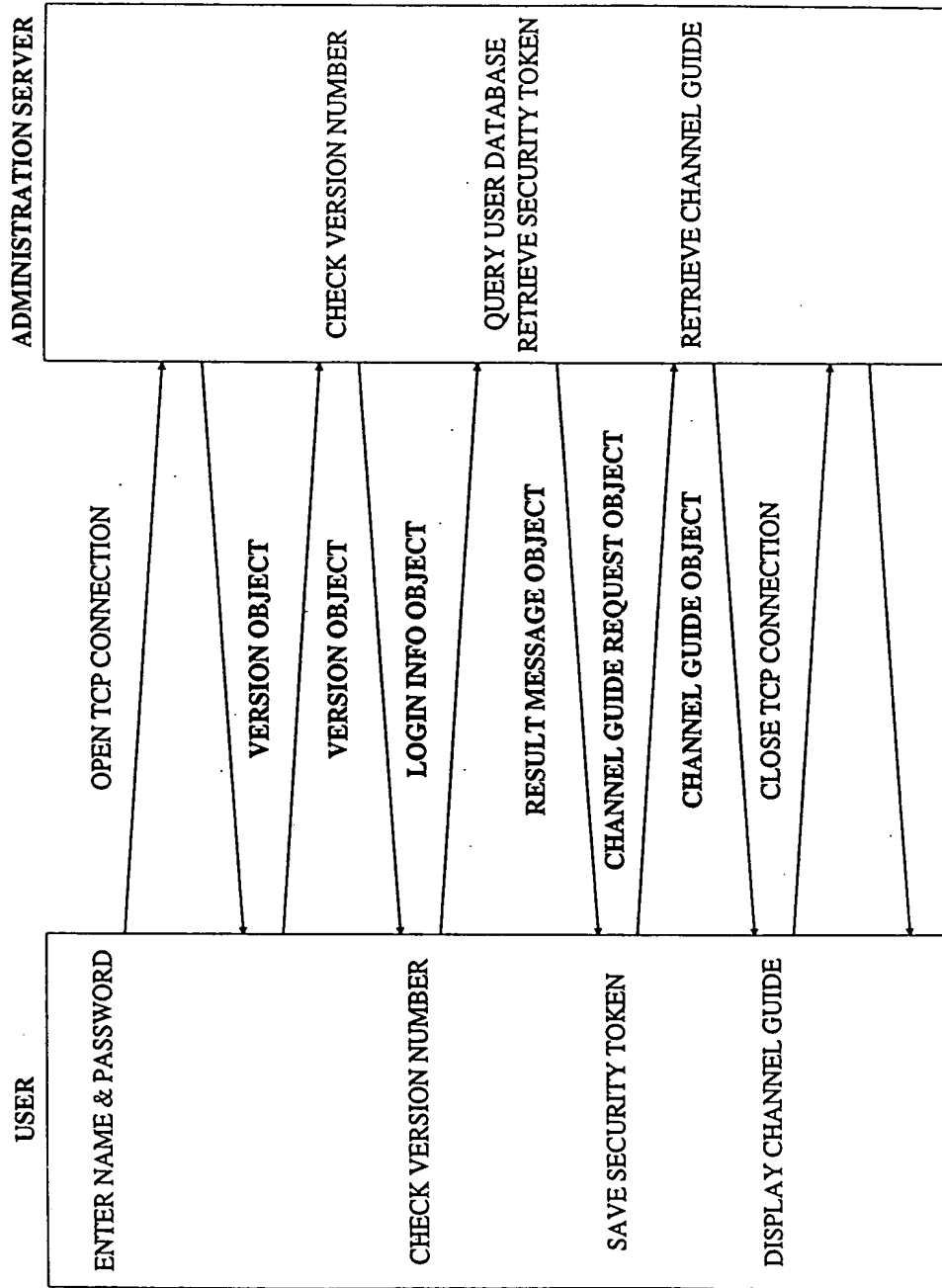
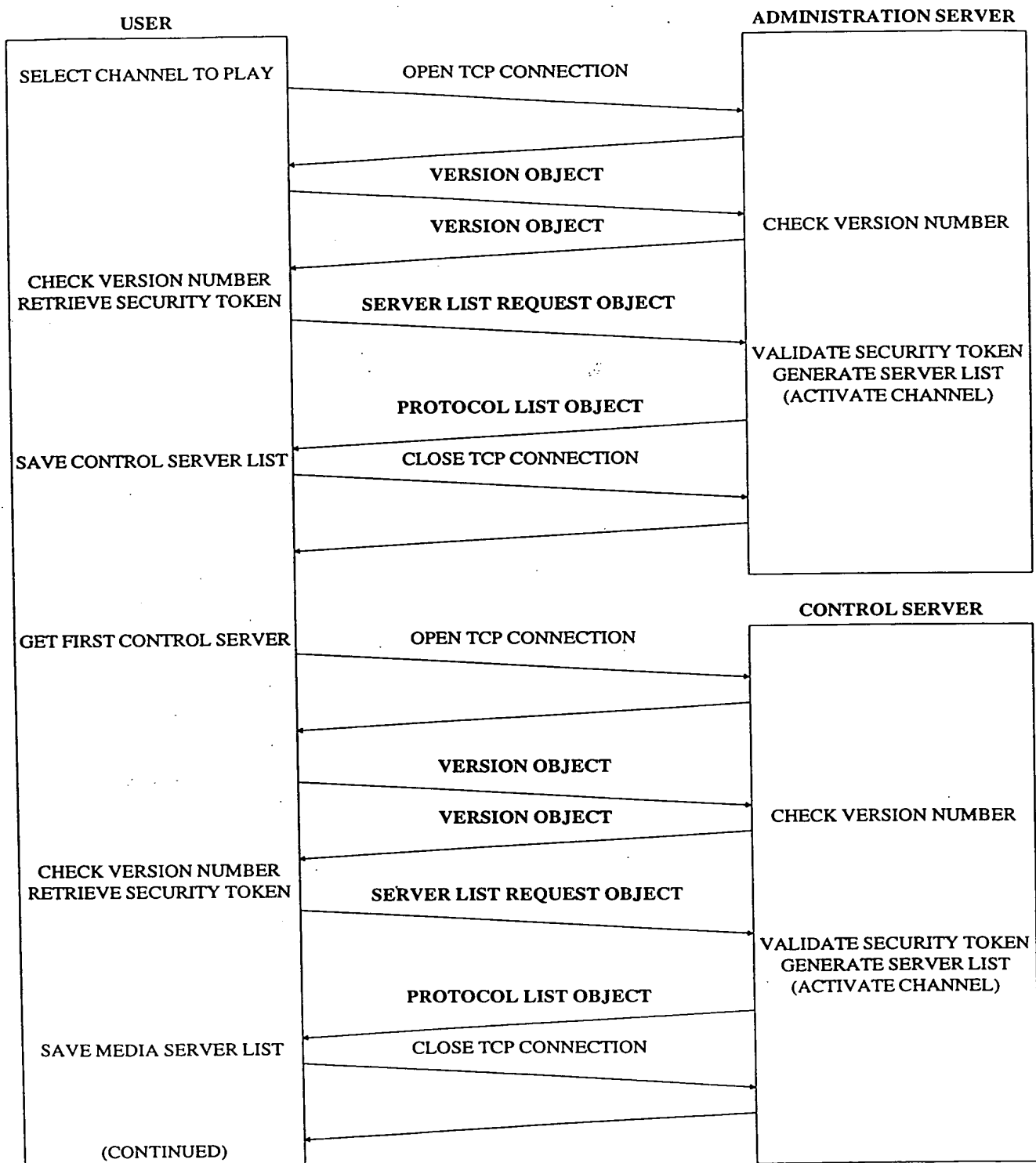


FIGURE 7



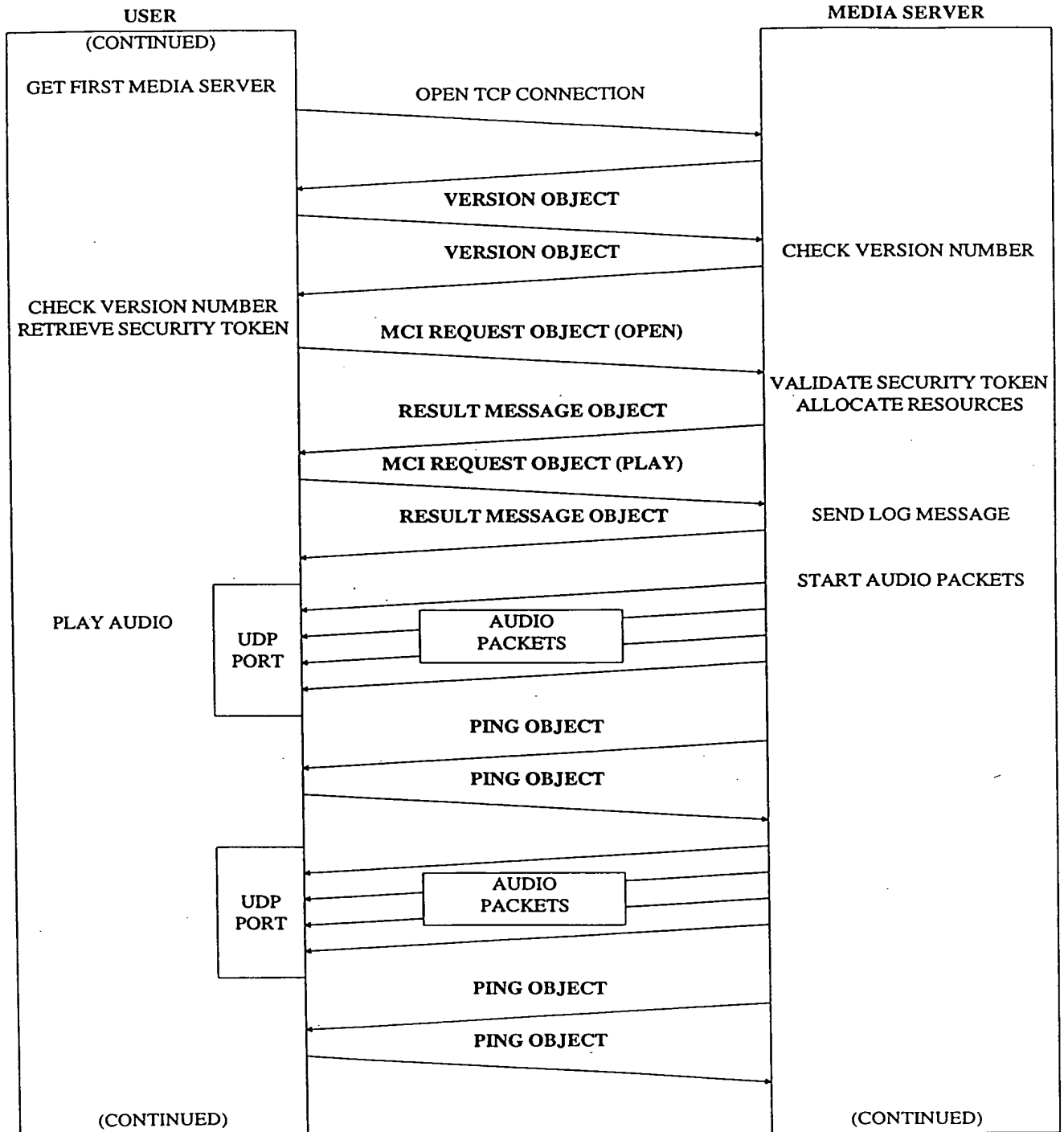
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FIGURE 8A



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FIGURE 8B



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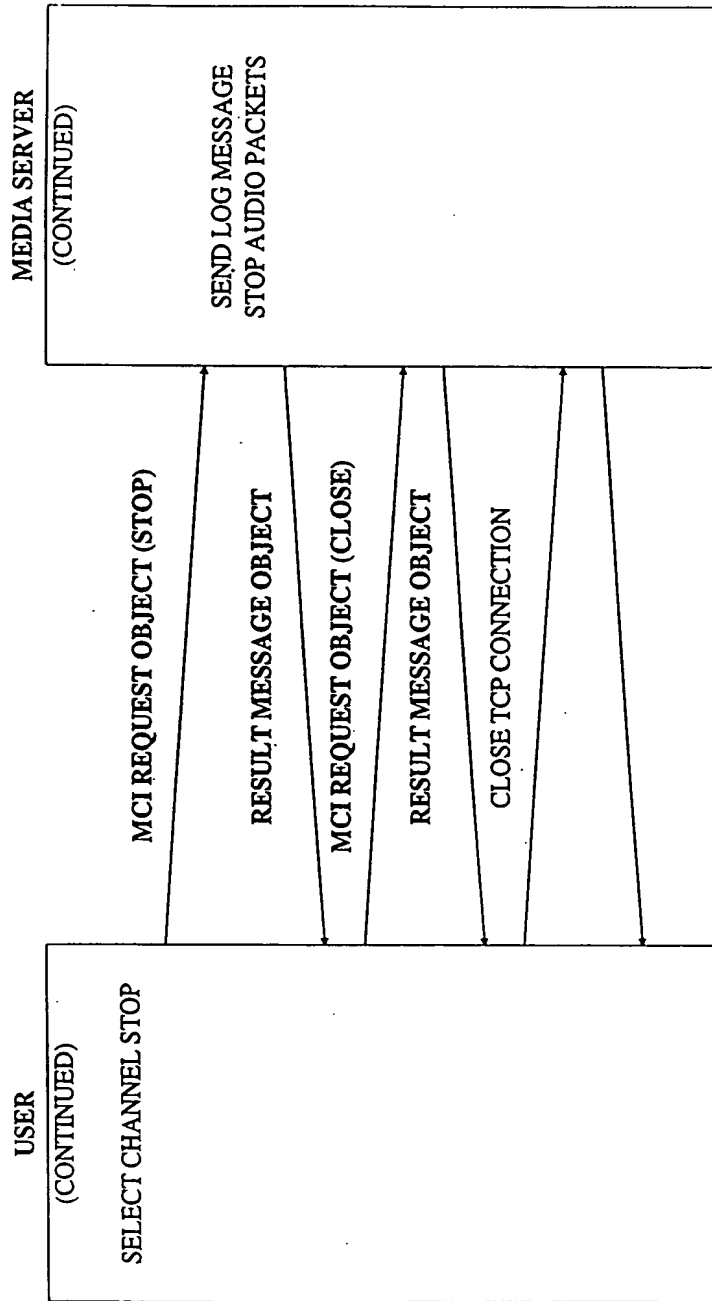


FIGURE 8C

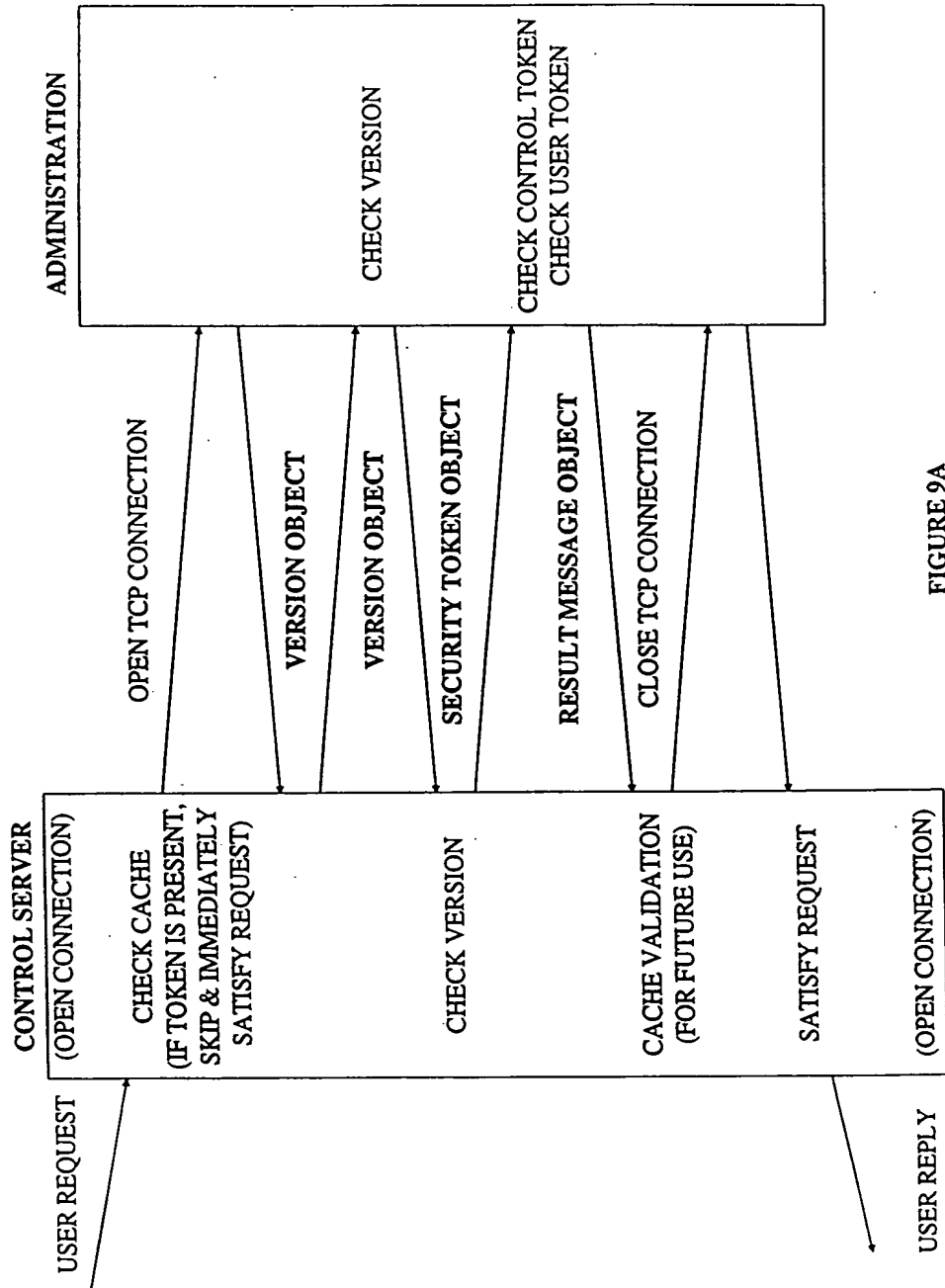


FIGURE 9A

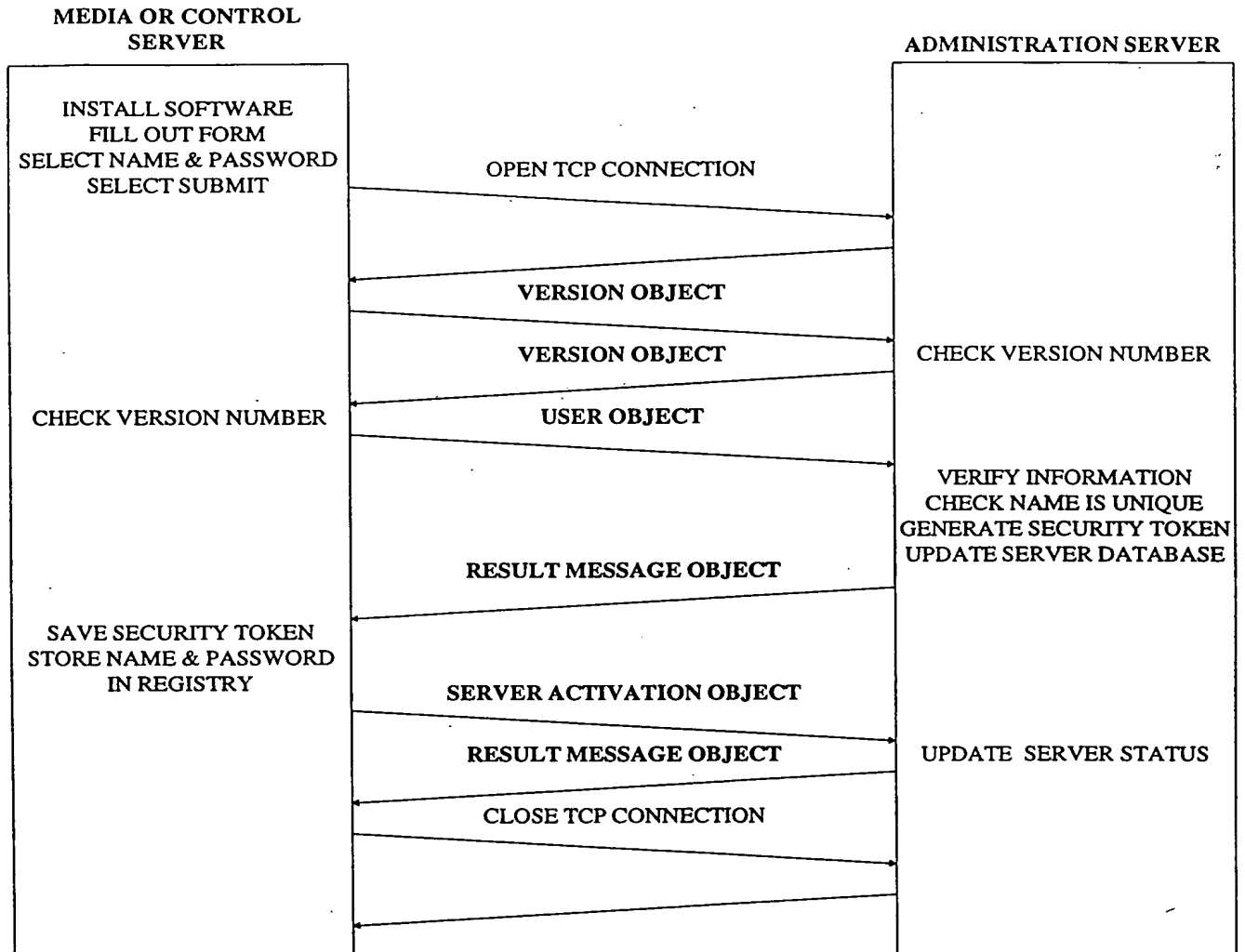
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FIGURE 9B

(SHOWN ABOVE)

REQUEST FROM	REQUEST TO	VALIDATION WITH
USER	CONTROL SERVER	ADMINISTRATION SERVER
USER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	MEDIA SERVER	CONTROL SERVER
MEDIA SERVER	PRIMARY SERVER	ADMINISTRATION SERVER
MEDIA SERVER	CONTROL SERVER	ADMINISTRATION SERVER
CONTROL SERVER	MEDIA SERVER	ADMINISTRATION SERVER

FIGURE 10



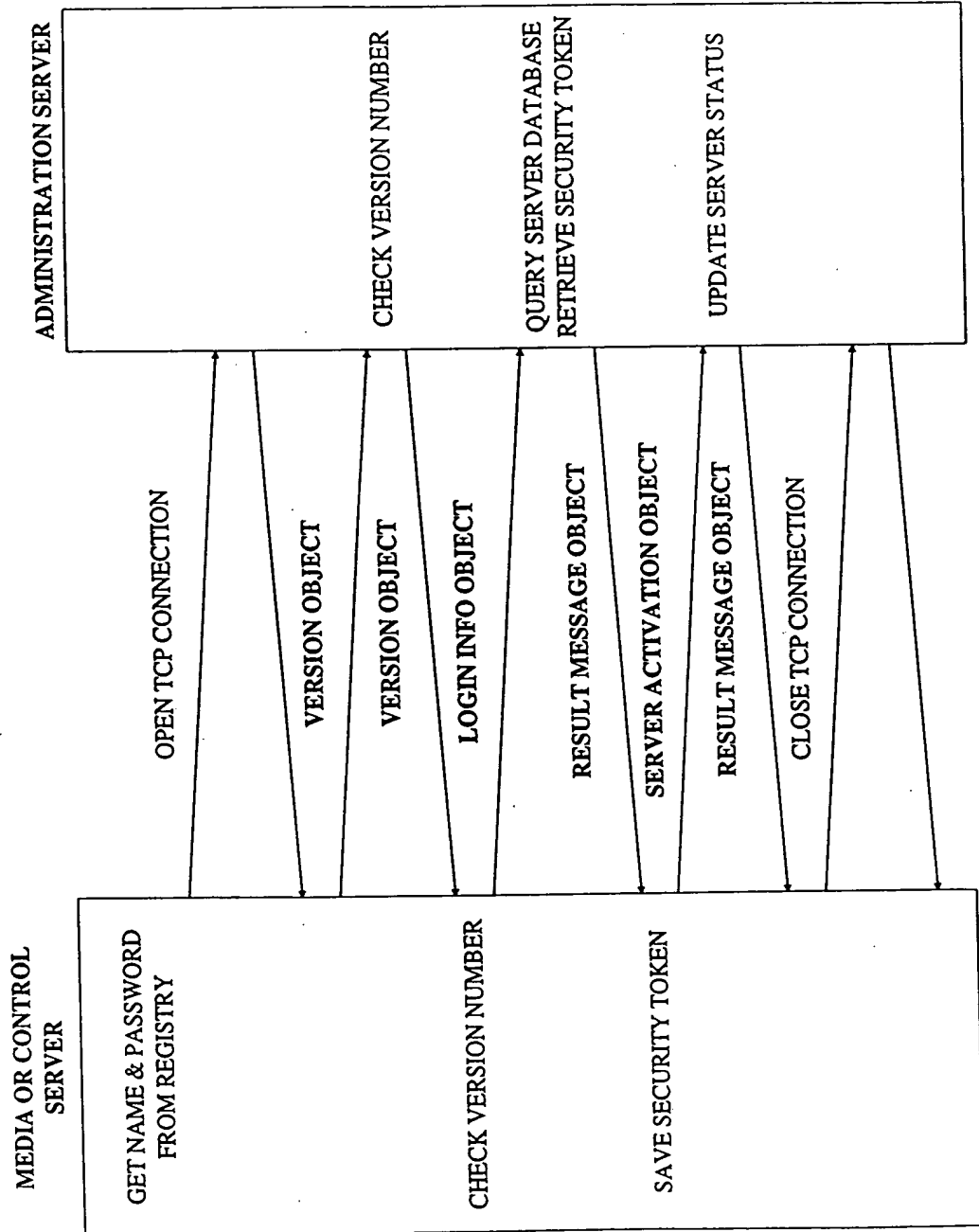


FIGURE 11

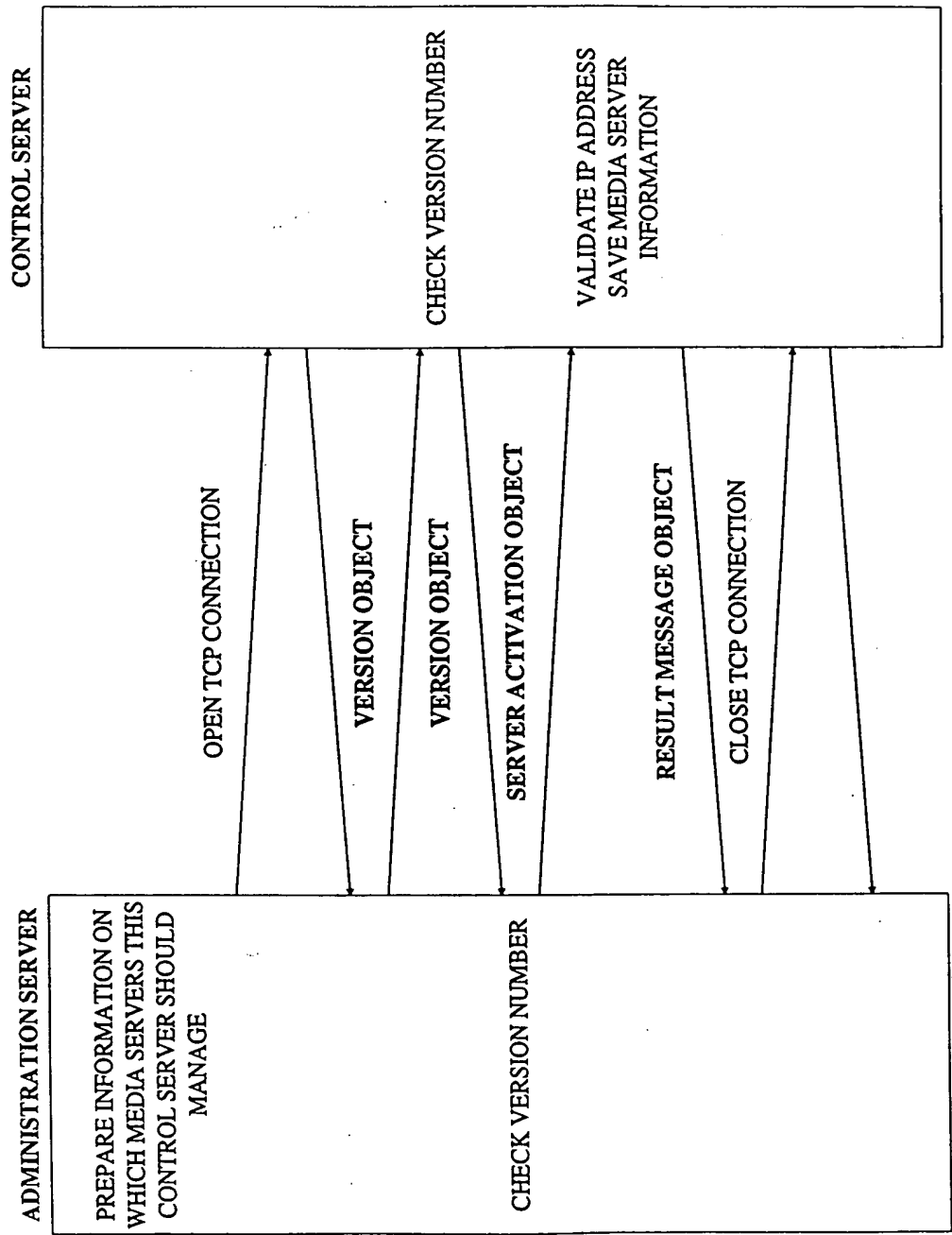


FIGURE 12



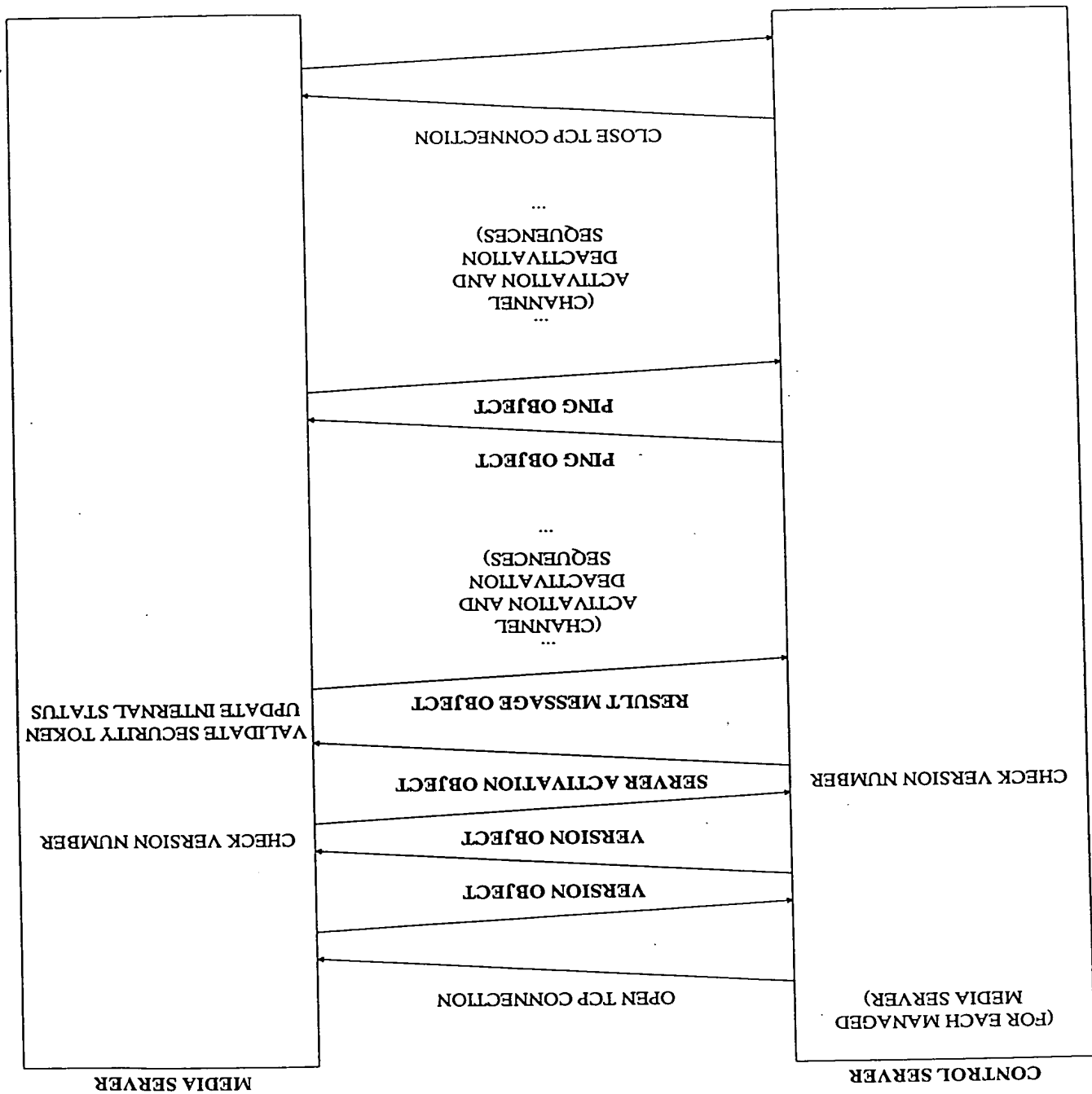


FIGURE 13

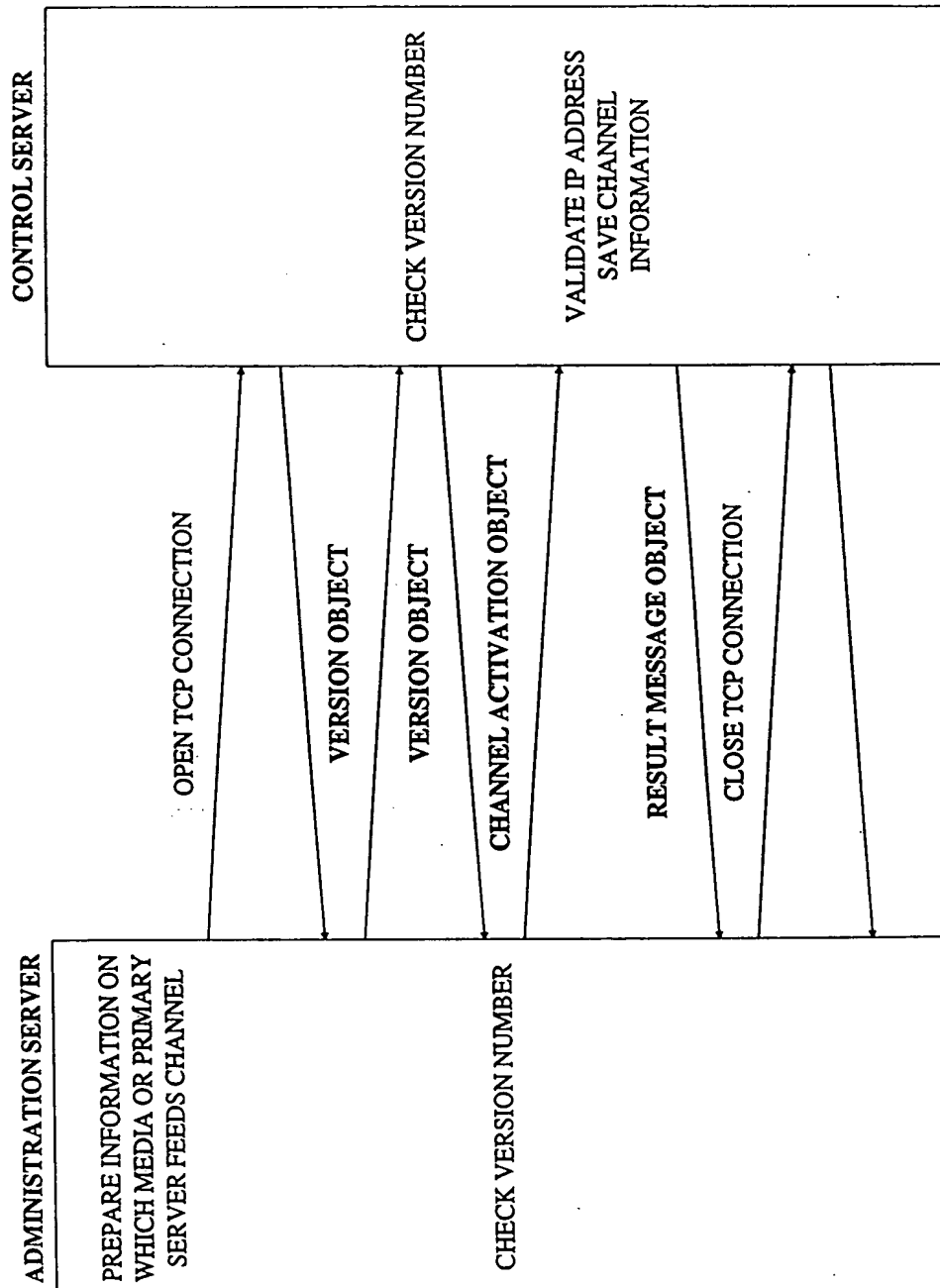


FIGURE 14

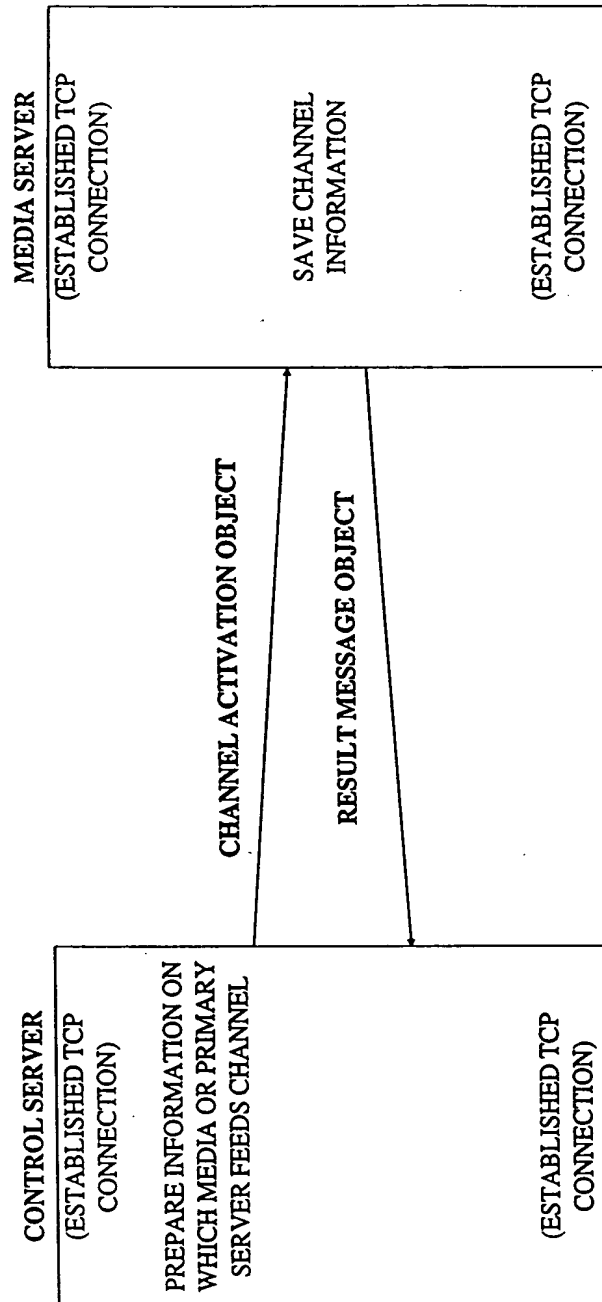
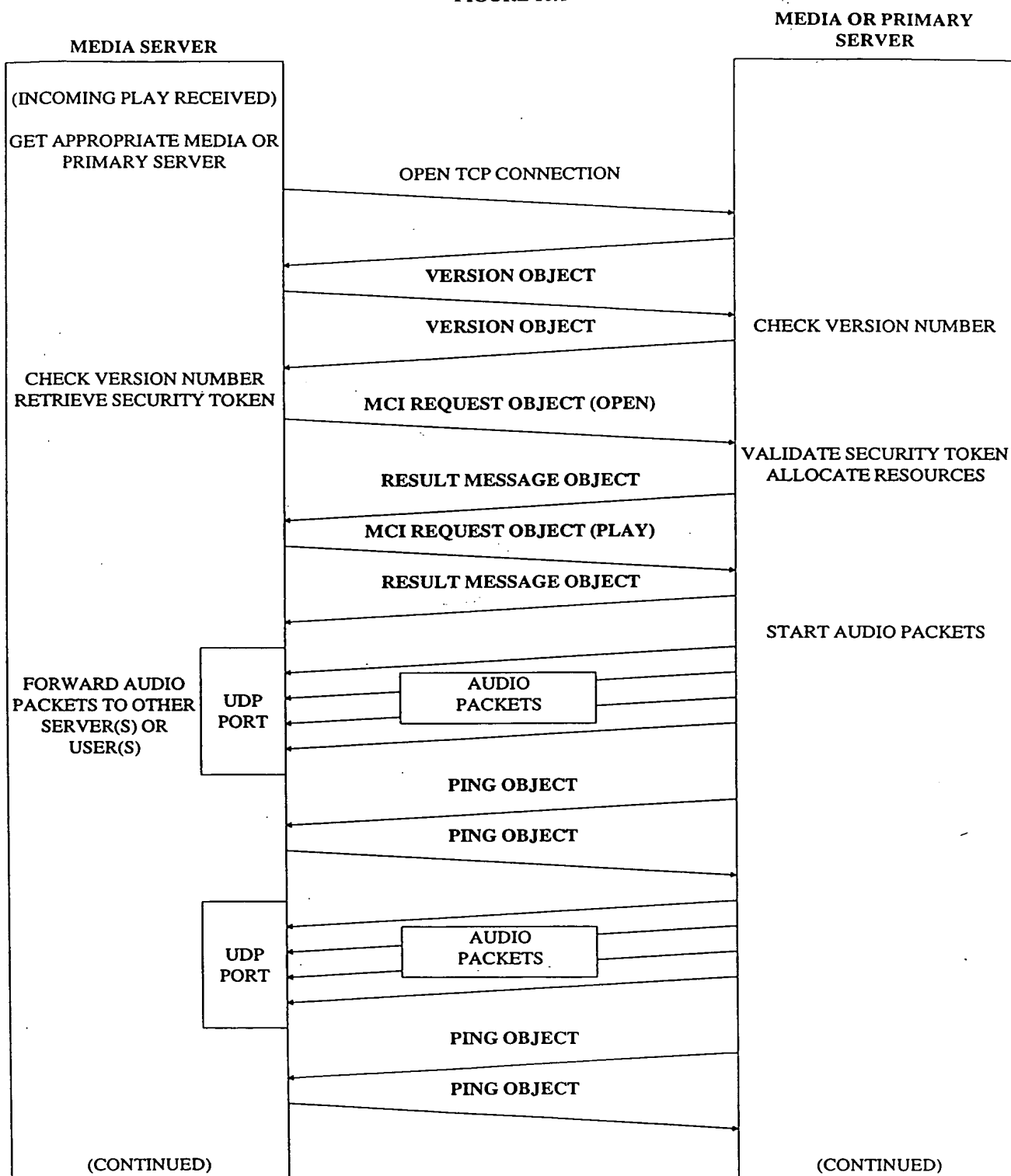


FIGURE 15

FIGURE 16A



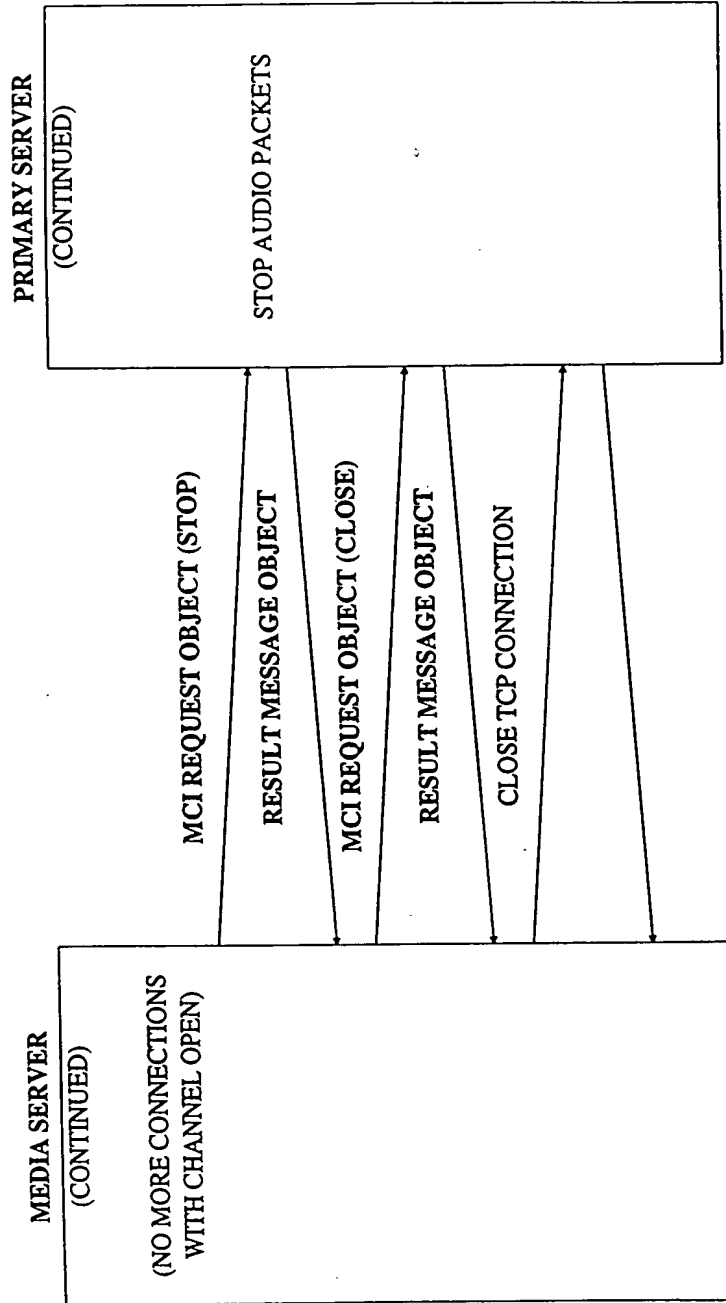


FIGURE 16B

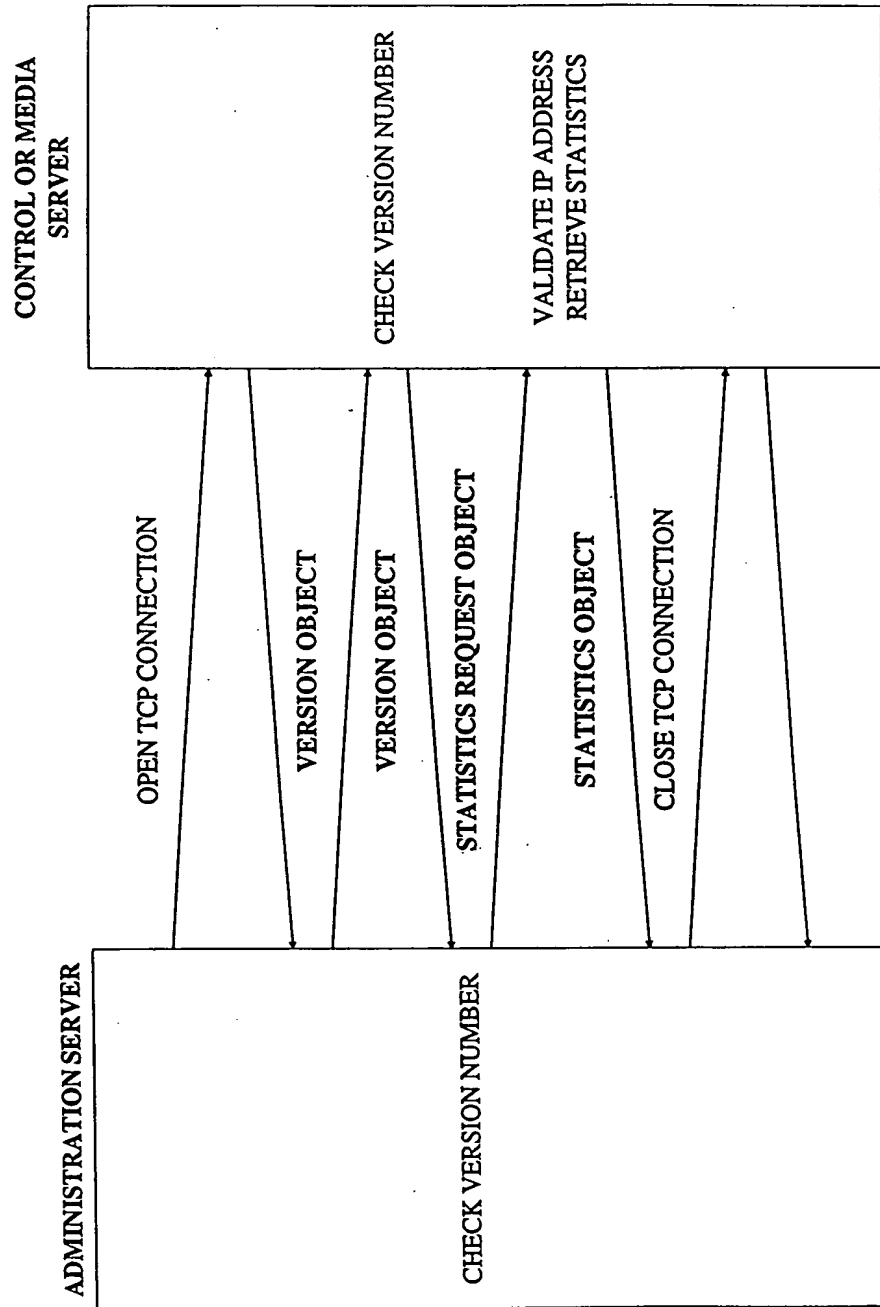
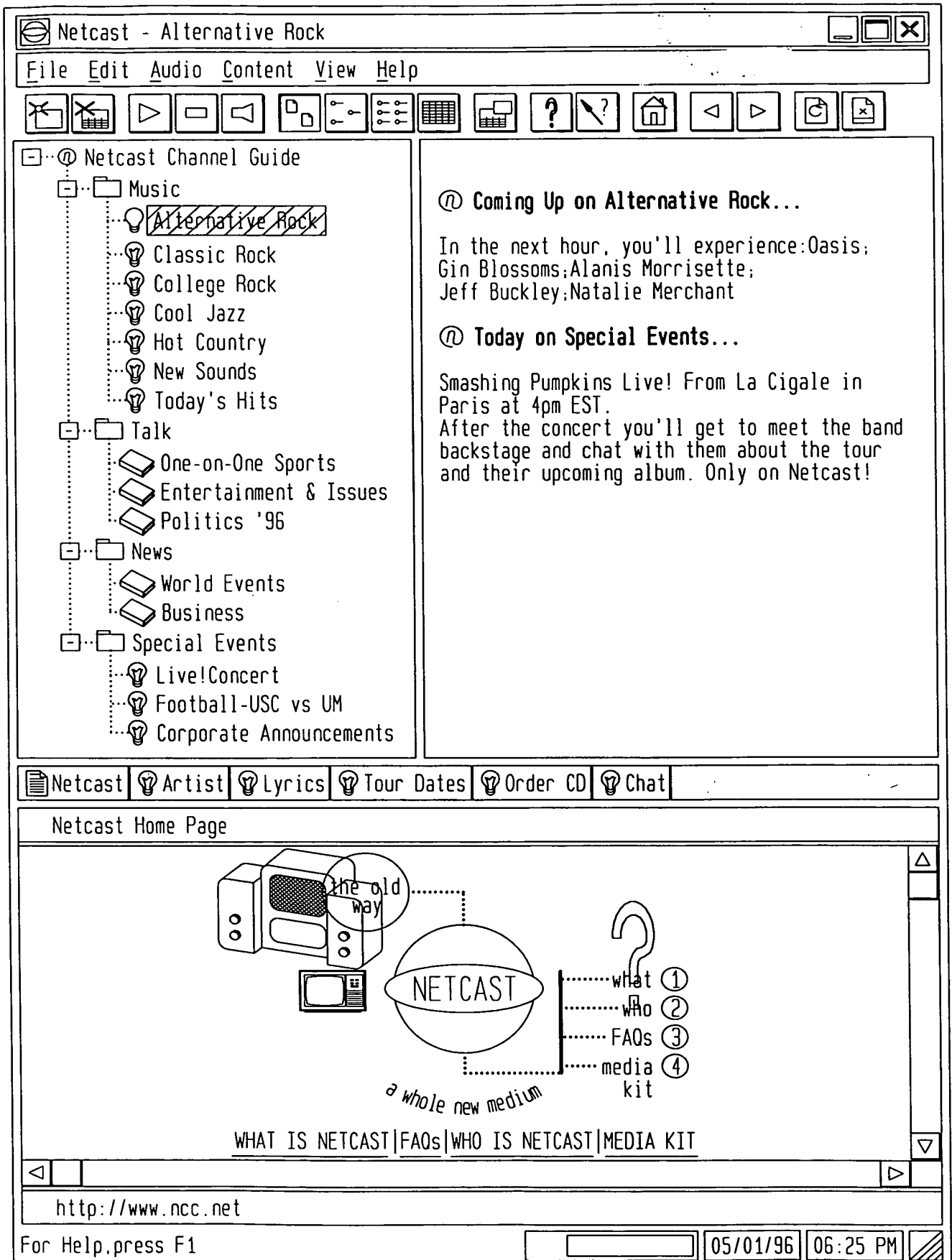


FIGURE 17

FIG. 18

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MAIN USER SCREEN



**Figure 19**  
**Key Pull-Down Menus on Main User Screen**

<b>File</b>
Login
Logout
Register
Close
Exit

<b>Edit</b>
Copy
Properties

<b>Audio</b>
Play
Stop
Mute

<b>View</b>
Tool Bar
Status Bar
Web Bar

<b>Help</b>
Help Topics
About...